# Rules and Regulations for the Manufacture, Testing and Certification of Materials, July 2012

## Notice No. 3

Effective Date of Latest Amendments:

*See* page 1

Issue date: April 2013

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# RULES AND REGULATIONS FOR THE MANUFACTURE, TESTING AND CERTIFICATION OF MATERIALS, *July 2012*

## Notice No. 3

This Notice contains amendments within the following Sections of the *Rules and Regulations for the Manufacture, Testing and Certification of Materials, July 2012*. The amendments are effective on the dates shown:

| ***Chapter*** | ***Section*** | ***Effective date*** |
|---|---|---|
| 3 | 1 | 1 July 2013 |

It will be noted that the amendments also include corrigenda, which are effective from the date of this Notice.

The *Rules and Regulations for the Manufacture, Testing and Certification of Materials, July 2012* are to be read in conjunction with this Notice No. 3. The status of the Rules is now:

| | | |
|---|---|---|
| Rules for Materials | Effective date: | July 2012 |
| Notice No. 1 | Effective date: | 1 January 2013 & Corrigenda |
| Notice No. 2 | Effective date: | 1 July 2013 & Corrigenda |
| Notice No. 3 | Effective date: | 1 July 2013 |

# Chapter 3

# Rolled Steel Plates, Strip, Sections and Bars

**Effective date 1 July 2013**

## ■ *Section 1*
## General

### 1.3 Corrosion resistant steels for cargo oil tanks of crude oil tankers

*1.3.1* This sub-Section refers to normal and higher strength steels that have approved enhanced corrosion resistance properties intended for application in the internal cargo oil tanks of crude oil tankers.

*1.3.2* The additional approval procedures for these steels include specific corrosion tests, *see* Ch 1,2.2.

*1.3.3* Normal and higher strength corrosion resistant steels are to be manufactured, tested and certified in accordance with the applicable requirements of Section 2 or Section 3 and the requirements detailed in this sub-Section.

*1.3.4* Corrosion resistant steels for cargo oil tanks are primarily intended to apply to steel plates, wide flats and sections up to 50 mm thick and to bars up to 50 mm in diameter.

*1.3.5* Corrosion resistant steels for cargo oil tanks are to be identified with one of the following supplementary suffixes, RCU, RCB or RCW in the designation, for example, LR DH36 RCB. These suffixes relate to the area of the tank for which approval testing has been obtained:

RCU, for lower surface of strength deck and surrounding structures;
RCB, for upper surface of inner bottom plating and surrounding structures;
RCW, for both strength deck and inner bottom plating.

*1.3.6* Corrosion resistant steels are not to be used in applications other than those specified in 1.3.1.

*1.3.7* The weldability of corrosion resistant steels is similar to conventional normal and higher strength steels. Therefore the welding requirements specified in Chapters 11 to 13 are to be adhered with the exception that each corrosion resistant steel is approved with a specified brand of welding consumable and associated welding process.

*1.3.8* Each manufacturer's approval certificate for corrosion resistant steels will state the steel grade and area of application designation, specified chemical composition range including additive and/or controlling element percentages to improve corrosion resistance, and brand of welding consumables and welding process used for approval.

*Existing sub-Sections* 1.3 *to* 1.11 *have been renumbered* 1.4 *to* 1.12.

Section numbering in brackets reflects any Section renumbering necessitated by any of the Notices that update the current version of the Rules for Materials.

## Chapter 3

| | |
|---|---|
| *1.1.5* | 1.5 *now reads* 1.6 |
| *1.5.2* (***1.6.2***) | 1.5.11 *now reads* 1.6.11 |
| *1.5.4* (***1.6.4***) | 1.5.3 *now reads* 1.6.3 |
| | 1.5.11 *now reads* 1.6.11 |
| *1.7.9* (***1.8.9***) | 1.7.4(d) *now reads* 1.8.4(d) |
| *1.8.2* (***1.9.2***) | 1.4.1 *now reads* 1.5.1 |
| *1.9.2* (***1.10.2***) | 1.9.1 *now reads* 1.10.1 |
| *1.9.3* (***1.10.3***) | 1.9.1 *now reads* 1.10.1 |
| | 1.9.2 *now reads* 1.10.2 |
| *1.11.4* (***1.12.4***) | 1.11.2 *now reads* 1.12.2 |
| *1.11.5* (***1.12.5***) | 1.11.12 *now reads* 1.12.12 |
| *Table 3.2.3* | 1.7.11 *now reads* 1.8.11 |
| *2.5.1* | 1.10 *now reads* 1.11 |
| | 1.10.2 *now reads* 1.11.2 |
| *2.6.1* | 1.11 *now reads* 1.12 |
| *3.7.1* | 1.10 *now reads* 1.11 |
| | 1.10.2 *now reads* 1.11.2 |
| *3.8.1* | 1.11 *now reads* 1.12 |
| *3.8.3* | 1.11.12 *now reads* 1.12.12 |
| *Table 3.3.7* | 1.7.11 *now reads* 1.8.11 |
| *4.5.1* | 1.10 *now reads* 1.11 |
| *4.6.1* | 1.11 *now reads* 1.12 |
| *5.2.1* | 1.11 *now reads* 1.12 |
| *6.5.1* | 1.10 *now reads* 1.11 |
| *6.6.1* | 1.11 *now reads* 1.12 |
| *7.8.1* | 1.10 *now reads* 1.11 |
| *7.9.1* | 1.11 *now reads* 1.12 |
| *9.10.1* | 1.10 *now reads* 1.11 |
| *9.11.1* | 1.11 *now reads* 1.12 |
| *10.4.1* | 1.10 *now reads* 1.11 |
| *10.5.1* | 1.11 *now reads* 1.12 |

## Chapter 5

| | |
|---|---|
| *1.2.1* | Ch 3,1.3 *now reads* Ch 3,1.4 |

## Chapter 6

| | |
|---|---|
| *1.2.1* | Ch 3,1.3 *now reads* Ch 3,1.4 |

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